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**PROJECT MEMORANDUM**  
**SDG&E VINE 69/12-KV SUBSTATION PROJECT**

**To:** Eric Chiang, Project Manager, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** June 20, 2017  
**Subject:** Monitoring Report #14: May 20 to June 10, 2017

## Introduction

This report provides a summary of the construction and compliance activities associated with San Diego Gas and Electric's (SDG&E) Vine 69/12-kV Project.

A summary of the Notice to Proceed (NTP) for construction is provided below. The status of Temporary Extra Workspace (TEWS) and Minor Project Changes (MPCs) is provided in Table 1.

**CPUC Environmental Monitor (EM):** Jenny Slaughter was onsite June 6-8, 2017.

**Work Schedule:** Construction at the Vine Substation Site was conducted Monday-Friday between 7:00 am and 3:30 pm. Work at the Jack and Bore location is taking place 24 hours a day. Underground trenching for the distribution work along India Street is occurring between 9:00 pm and 5:00 am.

## CPUC NTP

### NTP #1: Construction of the Vine 69/12-kV Substation Project

NTP #1 was issued by CPUC on June 8, 2016 for the entirety of the Vine 69/12-kV Substation Project, including construction of the Vine Substation, 12 kV distribution relocation, 69 kV Loop in, and telecom system upgrades.

## Construction & Compliance

### Vine Substation Construction

**Summary of Activity: Please see Exhibit A**

1. Construction began at the Vine Substation site on August 17, 2016. Civil construction activities are being conducted by Patriot Engineering. The below grade structural portion of the substation construction was conducted by DCX. Above ground construction is being performed by Kearney (SDG&E). Patriot has completed the majority of the civil work and will return at a later time to complete final construction elements including rock placement, driveways, and sidewalks.
2. DCX completed substation below grade construction and installed final site grading with base rock installation (see Figure 1).
3. Kearney crews installed the transformer fire walls. Transformers were delivered and put into place on existing foundations (see Figure 2).



## **12-kV Relocation (India Segment – 12 kV Underground)**

### **Summary of Activity:**

4. Construction of the 12 kV underground portion resumed on May 8 at the Palm Street railroad crossing. Underground distribution work is being conducted by NPL.
5. The jack and bore was completed during the subject period and the entry and exit pits were backfilled (see Figure 3).
6. NPL crews continued the underground work along India Street. Potholing, saw cutting, trenching, and vault installation took place between the hours of 9:00 pm and 5:00 am, Sunday through Thursday (see Figures 4-5).
7. NPL crews are staging equipment and material at the Kettner Yard.

## **69 kV Loop In**

### **Summary of Activity**

No activity took place during the subject period.

## **Telecom System Upgrades**

### **Summary of Activity**

No activity took place during the subject period.

## **Environmental Compliance**

1. Archaeological and paleontological monitoring took place during excavation work along India and Palm when excavations took place in native soils. No resources were identified during the subject time period.
2. SDG&E reported a Level B compliance incident on May 22 for the contractor's use of a street sweeper which was not compliant per the SDAPCD rules. A replacement sweeper was contracted and has been confirmed to be in compliance with the rules.
3. SDG&E reported a Level B compliance incident on May 22 for the absence of drip pans placed under staged equipment at the jack and bore location along Palm Street.
4. SDG&E reported a Level B compliance incident on May 31 for inadequate street sweeping after construction was completed for the day along India Street.
5. SDG&E reported a Level B compliance incident on June 9 for staging of steel plates along India Street.

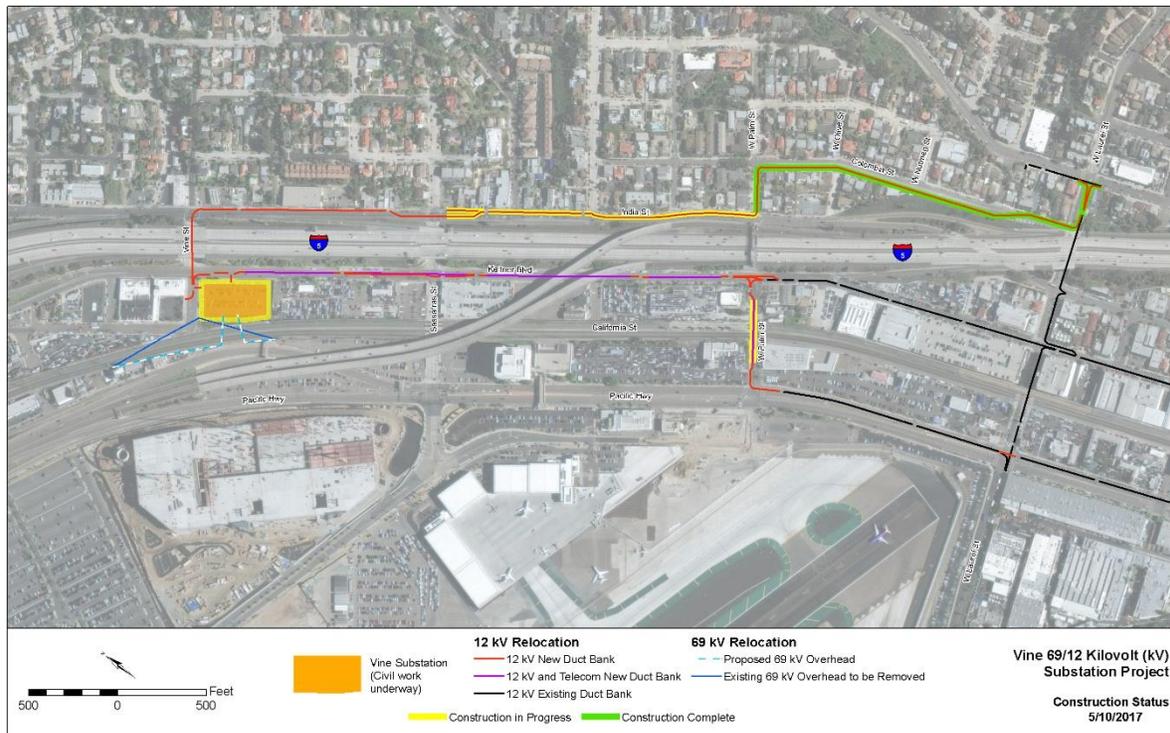
## **Temporary Extra Workspaces (TEWS) and Minor Project Changes (MPCs)**

Table 1 summarizes the TEWS and MPCs for the Vine Substation Project.

**Table 1**  
**Temporary Extra Workspaces (TEWS) & Minor Project Changes (MPCs)**  
 (Updated 06/20/17)

TEWS / MPC	Date Requested	Date Issued	Phase	Description
TEWS #1	07/20/16	07/20/16	12 kV Underground	Requests the use of an existing graveled portion of the Witherby Substation for equipment and materials staging.
TEWS #2	07/21/16	07/21/16	12 kV Underground	The use of a paved, private parking area along Laurel Street for the large excavator.
TEWS #3	08/15/16	08/16/16	12 kV Underground	Use of paved, private parking lot (currently empty) for Underground contractor's equipment and materials storage.
MPC #1	08/31/16	09/09/16	12 kV Underground	Continued use (beyond 60 days) of Kettner and Witherby yards.
MPC #2	04/24/17	05/12/17	66 kV Loop in	Replacement of wood pole with TSP

**Exhibit A – Construction Status**



## PROJECT PHOTOGRAPHS



Figure 1 – DCX crews conducted final grading and base rock installation at the Vine Substation.



Figure 2 – Transformers were delivered and installed between fire walls at the Vine Substation.



Figure 3 – Crews backfilled the entry pit after the jack and bore was completed. One lane of traffic along Palm Street was closed 24 hours a day during construction.



Figure 4 – Equipment set up along India Street for trenching and vault excavation work.



Figure 5 – Vault excavation along the India Street 12 kV portion. The first vault was set on June 7.